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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,796	03/10/2004	Steven Aoyama	B03-25	4509

40990 7590 12/15/2005

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EXAMINER
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GORDON, RAEANN

ART UNIT	PAPER NUMBER
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3711

DATE MAILED: 12/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

TJL

<b>Office Action Summary</b>	Application No. 10/797,796	Applicant(s) AOYAMA ET AL.	
	Examiner Raeann Gorden	Art Unit 3711	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 October 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 17-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 17-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>3-10-04</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Election/Restrictions***

Applicant's election without traverse of Group 2 (claims 17-27) in the reply filed on October 18, 2005 is acknowledged. Applicant did not respond to the election of species with respect to claims 24-27. However, all remaining claims have been examined and the election of species requirement is hereby withdrawn.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 21-23 and 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 21-23, limitation is not clear. Is it a method of making the corrugated parting line? Please clarify. Claim 27, what is a dipyramid pattern?

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 17-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Inoue et al (5,840,351). Claim 17, Inoue discloses a golf ball comprising a corrugated parting line offset from the equator, which does not intersect or interfere with the dimples edges (fig 3). Claim 18, the dimples create a seamless appearance by appearing on either side of the corrugated parting line. Claim 19, the parting line is offset from the equator by at least 0.1 mm or 0.004 inch. Claim 20, the parting line creates a plurality of peaks and valleys. Claims 21-23, as understood by the examiner, the parting line is a continuous waveform around the equator.

Claims 17, 18, 20-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Solheim (4,653,758). Claim 17, Solheim discloses a golf ball comprising a corrugated parting line, which does not intersect or interfere with the dimples edges (fig 6). Claim 18, the dimples create a seamless appearance by appearing on either side of the corrugated parting line. Claim 20, the parting line creates a plurality of peaks and valleys. Claims 21-23, as understood by the examiner, the parting line is a continuous waveform around the equator.

Claims 17, 18, 20-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Sanchez (5,249,804). Claim 17, Sanchez discloses a golf ball comprising a corrugated parting line, which does not intersect or interfere with the dimples edges (fig 2). Claim 18, the dimples create a seamless appearance by appearing on either side of the corrugated parting line. Claim 20, the parting line creates a plurality of peaks and valleys. Claims 21-23, as understood by the examiner, the parting line is a continuous

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waveform around the equator. Claim 24, the dimples create an icosahedron dimple pattern.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 25 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue and Solheim (each) in view of Sajima (2002/0019274). The primary references do not disclose an octahedral or cube-octahedral dimple pattern. Sajima teaches a golf ball comprising octahedral or cube-octahedral dimple patterns. One of ordinary skill in the art would modify the dimple pattern for enhanced flight performance.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raeann Gorden whose telephone number is 571-272-4409. The examiner can normally be reached on Mon, Tues, Thurs, Fri 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eugene Kim can be reached on 571-272-4463. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Rg  
December 10, 2005



**RAEANN GORDEN**  
**PRIMARY EXAMINER**